

# Irrigation Regulating Reservoir

## PRACTICE INTRODUCTION

USDA, Natural Resources Conservation Service - practice code 552



### DEFINITION

A small storage reservoir constructed to regulate or store a supply of irrigation water on a short-term basis.

### PRACTICE INFORMATION

The purpose of the practice is to store water for relatively short periods of time to:

- Provide regulation of fluctuating flows in streams or canals.
- Provide for improved management of irrigation water.
- Permit more efficient use of available labor.
- Avoid nighttime operations

- Improve efficiency for systems that reuse return flows from other fields or farms.
- Provide for accumulation of water to be used for irrigation purposes.

In addition to earthen reservoirs, this practice also applies to concrete and steel storage facilities used to collect water from low producing irrigation wells for application with a sprinkler or drip system.

Additional information including design criteria and specifications are in the local NRCS Field Office Technical Guide.